

REMARKS

In the Office Action, the Examiner rejected claim 5 as anticipated by the Goodwin US Patent 6,158,049, rejected claim 5 as anticipated by Prashant, rejected claim 1 as obvious over Prashant et al in view of Monday et al., rejected claim 2 as obvious over Prashant et al in view of Monday and further in view of Ford et al., rejected claim 3 as obvious over Prashant in view of Monday and further in view of IBM TDBD, rejected claim 4 as obvious over Prashant in view of Monday and further in view of Schmidt, rejected claim 6 as obvious over Prashant in view of Monday and Goldsmith et al in further view of Elko et al.

35 USC §102

The Goodwin reference relates to a feedback optimization system for software development. An application is compiled and all of the executable elements are instrumented wherein the instrumenting resulted in calls only to other instrumented images. Execution of the instrumented image does not require a shell program, and instead a critical function file traps calls made to critical functions. Profile data files are automatically stored in a profile optimizer database. In Goodwin is disclosed loading of DLLs (see Figures 7 and 8 and the corresponding description). Goodwin does not disclose Service Objects acting with each other.

As such, claim 5 is not anticipated by the cited reference.

The Goodwin reference has a filing date of August 1998. As noted below, the present invention was developed in a WTO country at least as early as May 31, 1996. The invention predates the Goodwin patent application date, so that Goodwin should be removed.

35 USC §102

With regard to the rejection of claim 5 over Prashant, a generic main in Prashant et al. is only a service provider. It comprises no infrastructure such as, for example, the framework connector, as claimed. The object can therewith not insert one component into another.

As such, the claims are not anticipated by the cited prior art.

The Prashant reference has a date of June 1997. The present invention was developed prior to the publication of Prashant in the US and in Germany, a WTO country. The prior

development of the invention is documented in the files of the Assignee company, wherein the invention disclosure (Erfindungsmeldung) form is dated May 31, 1006 (see hand written date of 31.5.96 in the upper right corner under Datum der Ausfertigung (issue date)). The invention disclosure includes attachments detailing the invention and marked as copyright 1996 for internal use only. These documents show development of the invention prior to the June 1997 date for the Prashant reference and so the Prashant publication does not constitute prior art to the present application under 35 USC §104.

35 USC §103(a)

Prashant has been removed as noted above.

With regard to the rejection of claim 1 over the combination of Prashant and Monday, the statements set forth above regarding rejection over Prashant individually similarly apply here. The Monday et al. reference concerns a dedicated component interconnection program that is hard-coded. It is thus not a generic main host. All components are dedicated plug-ins. The patent claim 1 of the present patent application is directed to an invention that is more comprehensive and flexible than the prior art of Monday.

With regard to the rejection over Prashant, Monday and Ford, patent claim 2 specifies one possible implementation detail. The Ford reference does not teach or suggest a generic host, and so the combination of references does not obviate the claimed invention. Claim 2 depends from claim 1, which Applicants assert is allowable so that claim 2 is also allowable.

With regard to the rejection of claim 3 over Prashant, Monday and IBM, the IBM reference discloses a method for starting programs without requiring an executable file. OS/2 Office is described as writing a generic executable program to facilitate starting a procedure within a DLL, wherein the program processes the command line parameters passed to it to determine what DLL to load and what function within the DLL to execute. Applicant submits that the combination does not disclose the invention of claim 3.

With regard to the rejection of claim 4 over Prashant, Monday, and Schimdt, no framework connector is described in Schmitt.

With regard to the rejection of claim 6 over Prashant, Monday, Goldsmith and Elko, the Goldsmith reference shows a precursor of Corba and is a communication patent (for

initialization). With regard to the Elko et al. reference, Elko discloses remote debugging having a system dump. The present Interpretive Network Daemon has no system dump as disclosed by Elko, only a dump of the running processes. In Elko et al., there will be no runtime interface, unlike the present application.

As such, the combined teachings of the prior art do not show or suggest the claimed invention.

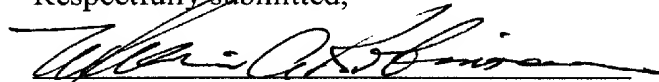
Conclusion

Applicants respectfully request reconsideration and allowance of the present application in view of the foregoing.

Deposit Account Information

The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to account no. 501519.

Respectfully submitted,



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